

```

plot.Daily.Dosing <- function(PBPK.params,
  days,
  dose,
  PBPK.model=vliver_pbpk,
  time.step=0.1,
  compartment="Cliver",
  main=NULL,
  log="",
  ylim=NULL,
  xlim=NULL,
  shaded=FALSE,
  cex.main=0.9,
  shade.col="lightblue",
  cex=2,
  cex.lab=1.75,
  cex.axis=1.5,
  ylab="Concentration (uM)",
  xlab="Time (Days)",
  lwd=2)
{
  out <- PBPK.model(seq(0,days*24,time.step),c(PBPK.params,list(DietInput=matrix(c(seq(0,24*(days-1),24),rep(dose,days)),ncol=2))))$result

  plot(out[,"time"]/24,out[,compartment],xlim=xlim,ylim=ylim,log=log,xaxs="i",yaxs="i",type="l",cex.lab=cex.lab,cex.axis=cex.axis,ylab=ylab,xlab=xlab)
  if (!is.null(main)) title(main,cex.main=cex.main,line=-1)
}

```